

Substitute for form 1449A/PTO

FEB 12 2002

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 1 of 6

Complete If Known

Application Number	09/954,449
Filing Date	09/17/2001
First Named Inventor	Youqi Wang
Group Art Unit	2856 2857
Examiner Name	UNKNOWN ANTHONY GUTIERREZ
Attorney Docket Number	1012-125(2001-023)

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AG		1,870,412		H.T. Kennedy	08/09/1932	
AG		3,071,961		J. J. Heigl et al.	01/08/1963	
AG		3,675,475		Weinstein	07/11/1972	
AG		3,713,328		Aritomi	01/30/1973	
AG		3,798,960		Glass	03/26/1974	
AG		3,805,598		Corcoran	04/23/1974	
AG		3,818,751		Karper et al.	06/25/1974	
AG		3,849,874		Jeffers	11/26/1974	
AG		3,895,513		Richardson	07/22/1975	
AG		3,908,441		Virloget	09/30/1975	
AG		3,933,032		Tschoegl	01/20/1976	
AG		4,229,979		Greenwood	10/28/1980	
AG		4,447,125		Lazav et al.	05/08/1984	
AG		4,517,830		Gunn, deceased et al.	05/21/1985	
AG		4,570,478		Soong	02/18/1986	
AG		4,599,219		Cooper et al.	07/08/1986	
AG		4,567,774		Manahan et al.	02/04/1986	
AG		4,602,501		Hirata	07/29/1986	
AG		4,605,589		Orphanides	08/12/1986	
AG		4,680,958		Ruelle et al.	07/21/1987	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Office ³	Number ⁴	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
AG			JP402297040A		Akaha Toru	12/07/1990		
AG			WO 00/23921		Symyx Technologies, Inc.	04/27/2000		
AG			WO 99/18431		Symyx Technologies, Inc.	04/15/1999		
AG			WO 98/15501		Symyx Technologies, Inc.	04/16/1998		
AG			WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
AG			WO 00/67086		Symyx Technologies, Inc.	11/09/2000		
AG			WO 00/36410		Symyx Technologies, Inc.	06/22/2000		
AG			WO 00/40331		Symyx Technologies, Inc.	07/13/2000		
AG			WO 00/17413		Symyx Technologies, Inc.	03/30/2000		
AG			WO 01/79949		Symyx Technologies, Inc.	10/25/2001		

Examiner Signature

Anthony Gutierrez

Date

Considered

2/19/04

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

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 DISCLOSURE OFFICE
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Sheet	2
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of 6

Complete If Known

Application Number	09/954,449
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Filing Date	09/17/2001
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First Named Inventor	Youqi Wang
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Group Art Unit	2856
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Examiner Name	Unknown	AG
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Attorney Docket Number	1012-125(2001-023)
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U.S. PATENT DOCUMENTS

Examiner (Initials)	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AG		4,685,328		Huebner et al.	08/11/1987	
AG		4,699,000		Lashmore et al.	10/13/1987	
AG		4,715,007		Fujita et al.	12/22/1987	
AG		4,740,078		Daendliker et al.	04/26/1988	
AG		4,749,854		Martens	06/07/1988	
AG		4,789,236		Hodor et al.	12/06/1988	
AG		4,793,174		Yau	12/27/1988	
AG		4,829,837		Telfer	05/16/1989	
AG		4,893,500		Fink-Jensen	01/16/1990	
AG		4,899,575		Chu et al.	02/13/1990	
AG		4,899,581		Allen et al.	02/13/1990	
AG		4,932,270		Lurie et al.	06/12/1990	
AG		4,975,320		Goldstein et al.	12/04/1990	
AG		5,008,081		Blau et al.	04/16/1991	
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AG		5,092,179		Ferguson	03/03/1992	
AG		5,115,669		Fuller et al.	05/26/1992	
AG		5,142,900		Duke	09/01/1992	
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AG		5,236,998		Lundeen et al.	08/17/1993	

FOREIGN PATENT DOCUMENTS

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Signature**

Arthur Carter

Date _____

Considered	2/19/04
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Substitute for form 1448A/PTO		Complete If Known Application Number 09/954,449 Filing Date 09/17/2001 First Named Inventor Youqi Wang Group Art Unit 2856 Examiner Name Unknown <i>Ac</i> Attorney Docket Number 1012-125(2001-023)	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			
Sheet	3	of	6

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
AL		5,269,190		Kramer et al.	12/14/1993	
AL		5,271,266		Eschbach	12/21/1993	
AL		5,272,912		Katsuzaki	12/28/1993	
AL		5,280,717		Hoseney et al.	01/25/1994	
AL		5,303,030		Abraham et al.	04/12/1994	
AL		5,305,633		Weissenbacher et al.	04/26/1994	
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AL		5,437,192		Kawamoto et al.	08/01/1995	
AL		5,438,863		Johnson	08/08/1995	
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AL		5,452,619		Kawanabe et al.	09/26/1995	
AL		5,481,153		Turner	01/02/1996	
AL		5,517,860		Lin et al.	05/21/1996	
AL		5,520,042		Garritano et al.	05/28/1996	
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AL		5,610,325		Rajagopal et al.	03/11/1997	
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AL		5,699,159		Mason	12/16/1997	
AL		5,700,953		Hlady et al.	12/23/1997	
AL		5,723,792		Mivazaki	03/03/1998	

[illegible]

Examiner Signature	<i>Adrian Carter</i>	Date Considered	2/19/04
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Complete if Known

Application Number	09/954,449
Filing Date	09/17/2001
First Named Inventor	Yongji Wang
Group Art Unit	2856
Examiner Name	Unknown AG
Attorney Docket Number	1012-125(2001-023)

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Sheet 4

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passage or Relevant Figures, Apper.
		Number	and Code ² (if known)			
AG		5,728,532		Ackley	03/17/1998	
AG		5,756,883		Forbes	05/26/1998	
AG		5,764,068		Katz et al.	06/09/1998	
AG		5,776,359		Schultz et al.	07/07/1998	
AG		5,817,947		Bergerus	10/06/1998	
AG		5,821,407		Sekiguchi et al.	10/13/1998	
AG		5,847,283		Finot et al.	12/08/1998	
AG		5,877,428		Scolton	03/02/1999	
AG		5,892,157		Syre	04/06/1999	
AG		5,922,967		Motoyama	07/13/1999	
AG		5,959,297		Weinberg et al.	09/28/1999	
AG		5,985,356		Schultz et al.	11/16/1999	
AG		5,999,887		Giannakopoulos et al.	12/07/1999	
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AG		6,010,616		Lewis et al.	01/04/2000	
AG		6,013,199		McFarland et al.	01/11/2000	
AG		6,030,917		Weinberg et al.	02/29/2000	
AG		6,033,913		Morozov et al.	03/07/2000	
AG		6,034,240		La Pointe	03/07/2000	
AG		6,034,775		McFarland et al.	03/07/2000	

FOREIGN PATENT DOCUMENTS

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Signature**

Date
Cons

2/19/04

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Complete If Known

Application Number	09/954,449
Filing Date	09/17/2001
First Named Inventor	Yongli Wang
Group Art Unit	2856
Examiner Name	Unknown AG
Attorney Docket Number	1012-125(2001-023)

(use as many sheets as necessary)

Sheet 5 of 6

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AG		6,040,193		Winkler et al.	03/21/2000	
AG		6,043,317		Mumick et al.	03/28/2000	
AG		6,043,363		LaPointe et al.	03/28/2000	
AG		6,045,671		Wu et al.	04/04/2000	
AG		6,050,138		Lynch et al.	04/18/2000	
AG		6,050,139		Bousfield et al.	04/18/2000	
AG		6,087,181		Cong	07/11/2000	
AG		6,092,414		Newman	07/25/2000	
AG		6,124,476		Guram et al.	09/26/2000	
AG		6,149,882		Guan et al.	11/21/2000	
AG		6,151,123		Nielsen	11/21/2000	
AG		6,157,449		Hajduk	12/05/2000	
AG		6,175,409		Nielsen et al.	01/16/2001	
AG		6,177,528		LaPointe et al.	01/23/2001	
AG		6,182,499		McFarland et al.	02/06/2001	
AG		6,187,164		Warren et al.	02/13/2001	
AG		6,203,726		Danielson et al.	03/20/2001	
AG		6,225,487		Guram	05/01/2001	
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AG		6,242,623		Boussie et al.	06/05/2001	

FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Date	Cons
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Sheet	6
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Complete If Known

Application Number	09/954,449
Filing Date	09/17/2001
First Named Inventor	Yongyi Wang
Group Art Unit	2856
Examiner Name	Dalemon AG
Attorney Docket Number	1012-125(2001-023)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Arthur G. ...

Date Considered

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**INFORMATION DISCLOSURE
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Sheet 1

of 0

Complete If Known

Application Number	09/954,449
Filing Date	09/17/2001
First Named Inventor	Yongqi Wang
Group Art Unit	2856
Examiner Name	Unknown / AL
Attorney Docket Number	1012-125(2001-023)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
		YOUNG, W.C., Roark's Formulas for Stress and Strain, 1989	
		TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940	
		OSTERBERG, Peter M. and Stephen D. Senturia, "M-TEST: A Test Chip for MEMS Material Property Measurement Using Electrostatically Actuated Test Structures," Journal of Microelectromechanical Systems, Vol. 6, No. 2, June 1997	
		KIM, J.O. and B. Lewis Slaten, "Objective Assessment of Fabric Handle in Fabrics Treated With Flame Retardants," Journal of Testing and Evaluation, JTEVA, Vol. 24, No. 4, July 1996, pp. 223-228.	
		GROVER, G. et al., "A Screening Technique for Fabric-Handle", J. Text. Inst., 1993, 84 No. J. Textile Institute, pp. 486-494.	
		PAN, NING and K.C. Yen, "Physical Interpretations of Curves Obtained Through the Fabric Extraction Process for Handle Measurement," Textile Research Journal 62(5), pp. 279-290 (1992).	
		"Handle-O-Meter", Thwing-Albert Instrument Company, Philadelphia, PA.	
		RAEEL, MASTURA and Jiang Liu, "An Empirical Model for Fabric-Hand", Textile Research Journal 62, 1, pp. 31-38 (1991).	
		ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994).	

Examiner Signature	<i>Alfabet</i>	Date Considered	2/19/04
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Group Art Unit	2856
Examiner Name	Unknown
Attorney Docket Number	1012-125(2001-023)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T‡
		"DMA 2980 Dynamic Mechanical Analyzer." http://www.tainst.com/dma2.html , 12/29/00	
		"Introducing the NEW-DMTA V!." http://www.rheometricscientific.com/dmtaV.htm , 12/29/00	
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		AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.	
		GALEJA, F.J. BALTA, "Microhardness Studies of Polymers and Their Transitions" TRIP, December 1994, vol. 2, no. 12, pp. 419-425	
		BOWLETT, C. "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103	
		LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Properties of Thin Polyimide Films" pp. 647-668	
		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polymer Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	
		WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).	
		European Search Report dated December 10, 2001	

Examiner Signature

Anty Galy

Date Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1

of 0

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Application Number	09/954,449
Filing Date	09/17/2001
First Named Inventor	Yong Wang
Group Art Unit	2856
Examiner Name	Unknown AG
Attorney Docket Number	1012-125(2001-023)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		U.S. Application Serial No. 09/420,334 entitled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
AG		U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999	
		U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000	
AG		U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.	
		The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999	
AG		U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999	
		U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999	
		The family of applications for U.S. Application Serial No. 09/156,827 entitled "Formation of Combinatorial Arrays of Materials Using Solution-Based Methodologies" (Giacinta et al.) filed September 18, 1998	
		The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000	
AG		U.S. Application Serial No. 09/579,338 entitled "Rheo-Optical Indexer and Method of Screening and Characterizing Arrays of Materials" (Carlson et al.) filed on May 25, 2000	
AG		The family of applications for U.S. Application Serial No. 09/580,024 entitled "Instrument for High Throughput Measurement of Material Physical Properties and Method of Using Same" filed on May 26, 2000	

Examiner Signature	<i>Anthony G. [Signature]</i>	Date Considered	2/19/04
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STATEMENT BY APPLICANT**

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Sheet 1

of 0

Application Number	09/954,449
Filing Date	09/17/2001
First Named Inventor	Yong Wang
Group Art Unit	2856
Examiner Name	Unknown AG
Attorney Docket Number	1012-125(2001-023)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T ²
AG		U.S. Patent Application Serial No. 09/939,404 entitled "High Throughput Mechanical Property and Bulge Testing of Material Libraries," (D. Hajduk et al.) filed on August 24, 2001.	
AG		U.S. Patent Application Serial No. 09/939,252 entitled "High Throughput Mechanical Rapid Serial Property Testing of Material Libraries," (P. Mansky) filed on August 24, 2001.	
AG		U.S. Patent Application Serial No. 09/939,139 entitled "High Throughput Fabric Handle Screening," (M. Kossuth et al.) filed on August 24, 2001.	
AG		U.S. Patent Application Serial No. 09/939,149 entitled "High Throughput Rheological Testing Of Materials" (Paul Mankys et al.) filed on August 24, 2001.	
AG		U.S. Patent Application Serial No. 09/939,263 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using Capacitance," (D. Hajduk et al.) filed on August 24, 2001.	
AG		U.S. Patent Application Serial No. 09/938,994 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using a Piezoelectric," (D. Hajduk) filed on August 24, 2001.	
		The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
AG		U.S. Application Serial No. 09/578,997 entitled "High Throughput Viscometer and Method of Using Same" filed May 25, 2000	

Examiner Signature	<i>Andrew Steiner</i>	Date Considered	2/19/04
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Sheet 1 of 1

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Application Number	09/954,449
Filing Date	09/17/2001
First Named Inventor	Yong Wang
Group Art Unit	2856
Examiner Name	Unknown Anthony Gutierrez
Attorney Docket Number	1012-125

U.S. PATENT DOCUMENTS

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